

Tile laying technology

FLUID FOIL 1 KS



- > very low emission - EC1-PLUS
- > tested in accordance with EN 14891
- > roller or trowel application
- > ready-to-use



Product description

Solvent-free, water-impermeable, single-component, permanently elastic, seamless and jointless compound seal. Indoor use only for jointless sealing of wall and floor surfaces in wet areas (e.g. showers, bathrooms, steam baths etc.) to protect against pressureless draining water directly below the ceramic covering. According to EN 14891, ÖNORM B 3407 W1-W4 and according to DIN 18534 for water impact class W0-I, W1-I, W2-I (wall) as well as according to the test principles for the issue of a general building inspection test certificate.

Delivery format

Container	Outer packaging	Pallet
25 KG / KE	-	24 KE
14 KG / KE	-	36 KE
7 KG / KE	-	85 KE

Storage

Can be stored frost-free, cool, and dry on wooden shelves in the unopened original container for 365 days

Processing

Recommended tools

foam or lambwool roller, smoothing trowel.

Processing

Apply the material in two separate steps directly from the container using suitable tools and making sure the surface is covered completely and with an even coating thickness. The coating must be dried accordingly between the individual applications. A suitable Murexin sealing tape (including possibly required system components) must be laid for adjoining walls and floors. In the areas of pipe outlets and water drains, it is recommended to incorporate Murexin Sealing Collars DZ 35 or DZ 70. Clean tools with water after use.

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Technical data

μ value	approx. 2500
Colour	yellow, blue
Consumption	approx. 1.5 kg/m ² per mm layer thickness (approx. 0,8 kg/m ² per 0.5 mm layer thickness)
Dry layer thickness	min. 0.5 mm (in two layers), max. 2.0 mm (in 2 layers)
Flash-off time	approx. 15 min. for the first layer
Ready for laying	after approx. 3 hrs
Work steps	at least two applications are required

Test certificates

Tested in accordance with (standard, classification ...)

ÖNORM B 3407

DIN 18534

EN 14891

GEV-Emicode

Substrate

Suitable substrates

Concrete
Cement screed
Anhydrite screed
Mastic asphalt
Plaster Lime-cement plaster
Masonry
Gypsum plasterboard, Gypsum plasterboard
Smooth concrete, Aerated concrete
Wooden materials

Not suitable for pressurised water load e.g. in swimming pools and outdoors (terrace, balcony).

The substrate must be dry, frost-free, solid, weight-bearing, dimensionally stable, free of dust, dirt, oil, grease, release agents and loose parts, and it must comply with the applicable technical national and European directives, standards and "generally accepted rules of the trade".

Product and processing instructions

Material instructions:

- The material properties may change significantly when working outside the ideal temperature and/or humidity range.
- Temper materials accordingly before processing!
- To retain the product properties, no foreign materials may be mixed in!
- Water dosing amounts or thinning specifications must be precisely kept!
- Check coloured products before use for colour consistency!
- Colour evenness can only be guaranteed within a batch.
- The colouring is significantly influenced by the environmental conditions.
- Mixed material which is already starting to stiffen may not be diluted further or mixed with fresh material!

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Environmental information:

- Do not process at temperatures below + 5 °C!
- The ideal temperature range for material, substrate and air is +15 °C to +25 °C.
- The ideal relative air humidity range is between 40% to 60%.
- Increased humidity and/or lower temperatures delay, lower air humidity and/or higher temperatures accelerate drying, setting and hardening.
- Ensure sufficient ventilation during the drying, reaction and hardening phase; avoid draughts!
- Protect from direct sunlight, wind and weather!
- Protect adjacent components!
- Before applying seals, defects and uneven surfaces must be evened out in a separate work step.

Tips:

- We recommend using a test surface first or a small area for initial, small-scale testing.
- Observe the product data sheets of all MUREXIN products used in the system.
- Keep a genuine original container of the respective batch for later repair work.
- Compound seals cannot replace structural sealing.
- The underfloor heating system may not be switched on during processing and hardening.

The information provided reflects average values that were obtained under laboratory conditions. Due to the use of natural raw materials, the indicated values of individual deliveries may vary slightly without impacting the product suitability.

Safety instructions

This leaflet is based on extensive experience, is intended to convey the best of our knowledge, is not legally binding and does neither constitute a contractual legal relationship nor a subsidiary obligation resulting from the bill of sale. The quality of our materials is guaranteed within the framework of our general terms and conditions. Our products may be used by professionals and/or experienced and accordingly technically skilled persons only. Users are not released from inquiring in case of uncertainties or from rendering professional workmanship. We recommend using a test surface first or a small area for initial, small-scale testing. Naturally, it is not possible to describe or foresee all possible current and future uses and peculiarities. Information that is assumed to be familiar to experts has been omitted.

Please observe the current, technical, national and European standards, guidelines and data sheets regarding materials, substrates and the subsequent construction. Please contact us if you have any reservations or doubt.

This version is rendered invalid if a new version is released. The most recent data sheets, safety data sheets and the terms and conditions are available online at www.murexin.com.